

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111270

Mode: Highway

Status: Submitted

NC-58

From/Cross Street: NC 42/Ward Blvd. (SR 1516)

Specific Improvement Type: 1 - Widen Existing Roadway

To: Forest Hills Rd. (SR 1165)

Project Category: Regional Impact

Length: 0.13

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$1,003,000

Description:

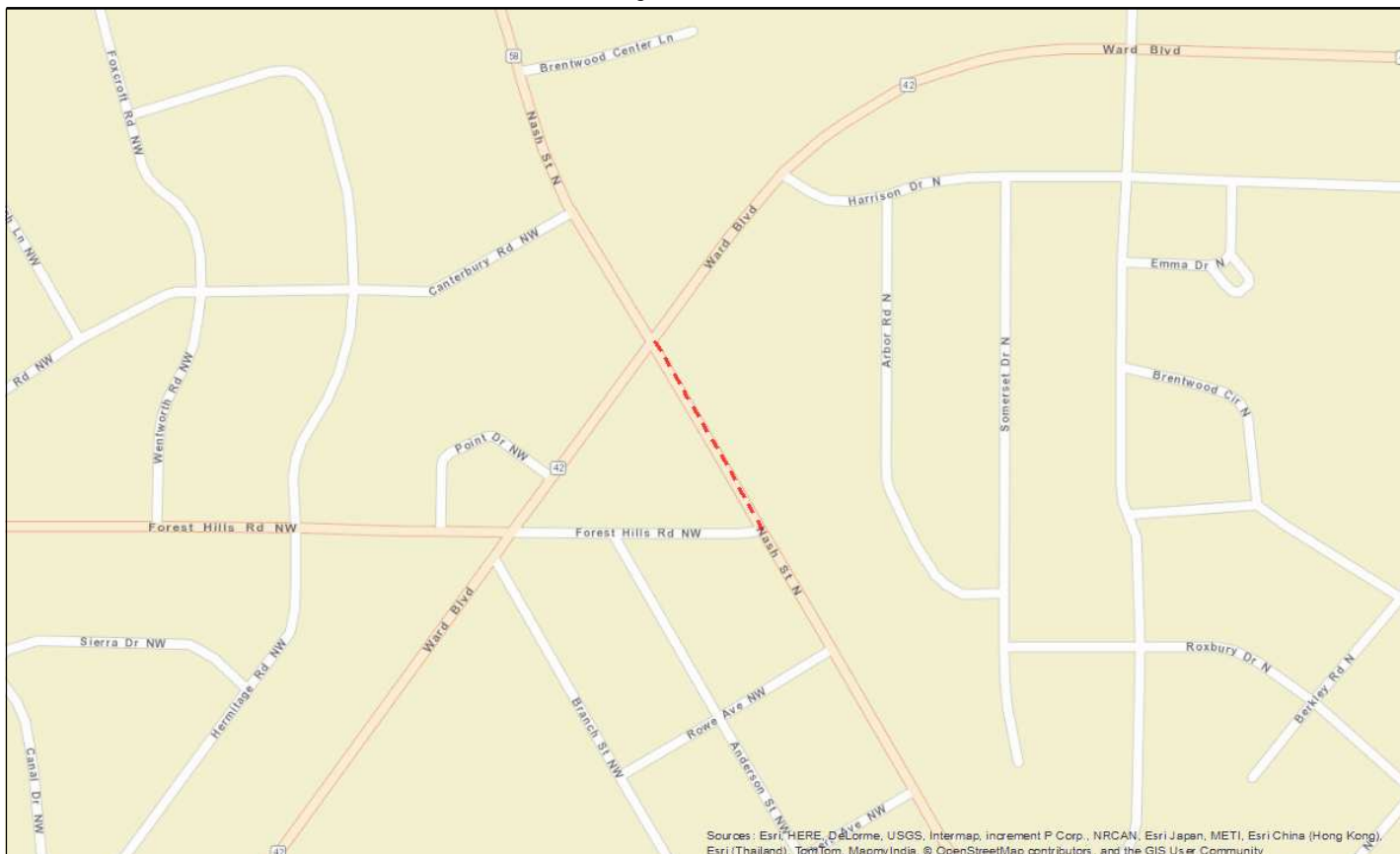
Upgrading NC 58 Between NC 42/Ward Blvd. (SR 1516) and Forest Hills Rd. (SR 1165) to a Five-Lane Facility with Sidewalks and to Provide Accommodations For Bike to Correspond to Proposed Bicycle and Pedestrian Improvements.

Division(s): Division 4

County(s): WILSON

MPOS(s)/RPO(s): Upper Coastal Plain RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 39.74

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) 33.62	Percent: 15% Points: 100	Percent: 15% Points: 64
Safety (15%) 66.66		
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (20%) 0.50		
Totals: Weight: 70% Weighted Score: 15.14		

Division Needs Total Score: 10.08

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (10%) 33.62	Percent: 25% Points: 0	Percent: 25% Points: 0
Lane Width (10%) 0.00		
[Paved] Shoulder Width (10%) 0.00		
[Travel Time] Benefit/Cost (10%) 0.50		
Safety (10%) 66.66		
Totals: Weight: 50% Weighted Score: 10.08		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.13
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	8009.74
Capacity:	15800.07
Volume/Capacity Ratio:	0.51
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	100
Crash Severity:	33.3
Critical Crash Rate:	66.7
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	100
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	5A - 4 Lane with Two Way Left Turn Lane, Curb & Gutter, and Sidewalks
Speed Limit:	35
Length (miles):	0.13
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	22637.56
Travel Time Savings for 30 Years (Autos):	22637.56
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 4	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Upper Coastal Plain RPO	100%	64	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		64	0

Project Cost and Source

Construction Cost:	\$798,000	TIP Unit
Right-of-Way Cost:	\$183,000	Cost Estimation Tool
Utilities Cost:	\$22,000	Cost Estimation Tool
Total Project Cost:	\$1,003,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$1,003,000	